Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026486.D
Acq On : 30 Jun 2023 21:07
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Quant Time: Jul 01 01:40:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 30 23:38:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	829034	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	722674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	337330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	206644	21.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.560%			
7) Chloroethane-d5	2.893	69	163258	21.240	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.960%			
11) 1,1-Dichloroethene-d2	4.021	65	105148	22.263	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.040%			
21) 2-Butanone-d5	7.075	46	173234	48.561	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.120%			
24) Chloroform-d	7.648	84	480602	23.784	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.120%			
26) 1,2-Dichloroethane-d4	8.307	65	257232	23.289	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.160%			
32) Benzene-d6	8.270	84	966530	22.996	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	9.270	67	317890	23.731	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.920%			
41) Toluene-d8	10.319	98	847816	22.836	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.360%			
43) trans-1,3-Dichloroprop...	10.575	79	122681	22.721	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.880%			
47) 2-Hexanone-d5	10.922	63	115908	51.740	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	255434	24.696	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	268143	22.829	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	188034	23.243	ug/L	97
3) Chloromethane	2.229	50	306533	26.881	ug/L	99
5) Vinyl chloride	2.375	62	293454	24.969	ug/L	97
6) Bromomethane	2.783	94	166733	24.946	ug/L	100
8) Chloroethane	2.930	64	174775	24.519	ug/L	97
9) Trichlorofluoromethane	3.259	101	211728	24.775	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	244856	25.814	ug/L	99
12) 1,1-Dichloroethene	4.045	96	238481	25.687	ug/L	92
13) Acetone	4.118	43	109790	43.567	ug/L	98
14) Carbon disulfide	4.393	76	769967	25.627	ug/L	99
15) Methyl Acetate	4.667	43	155756	28.465	ug/L	99
16) Methylene chloride	4.917	84	280856	20.049	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	270723	27.108	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	472344	28.941	ug/L	100
19) 1,1-Dichloroethane	6.210	63	558320	27.784	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	309928	27.399	ug/L	95
22) 2-Butanone	7.167	43	197196	47.729	ug/L	99
23) Bromochloromethane	7.514	128	125936	26.769	ug/L	95
25) Chloroform	7.673	83	514008	26.354	ug/L	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 30 23:38:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	351633	26.367	ug/L	100
29) Cyclohexane	7.953	56	516841	25.228	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	392506	25.496	ug/L	99
31) Carbon tetrachloride	8.069	117	349950	25.249	ug/L	99
33) Benzene	8.319	78	1169050	25.832	ug/L	100
34) Trichloroethene	9.093	95	294631	25.557	ug/L	99
35) Methylcyclohexane	9.337	83	526668	25.644	ug/L	99
37) 1,2-Dichloropropane	9.368	63	323931	26.963	ug/L	99
38) Bromodichloromethane	9.642	83	358314	26.573	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	478174	26.592	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	444178	53.847	ug/L	99
42) Toluene	10.386	91	1216336	26.270	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	387961	26.399	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	221043	27.010	ug/L	99
46) Tetrachloroethene	10.861	164	200703	24.625	ug/L	93
48) 2-Hexanone	10.965	43	299504	54.094	ug/L	100
49) Dibromochloromethane	11.123	129	224422	27.532	ug/L	97
50) 1,2-Dibromoethane	11.233	107	202571	26.918	ug/L	99
51) Chlorobenzene	11.654	112	746085	26.044	ug/L	97
52) Ethylbenzene	11.727	91	1362201	26.145	ug/L	99
53) m,p-Xylene	11.837	106	508861	26.339	ug/L	100
54) o-Xylene	12.166	106	477607	26.655	ug/L	92
55) Styrene	12.178	104	840080	27.467	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	274113	27.430	ug/L	100
59) Bromoform	12.349	173	124743	27.928	ug/L	98
60) Isopropylbenzene	12.458	105	1348867	27.415	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	200338	27.172	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1090835	27.881	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1091668	28.561	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	547101	26.502	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	549229	26.751	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	494259	26.458	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	43765	25.904	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	366583	26.086	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	312715	25.711	ug/L	100
71) Naphthalene	15.360	128	688022	27.752	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	262698	25.115	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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